

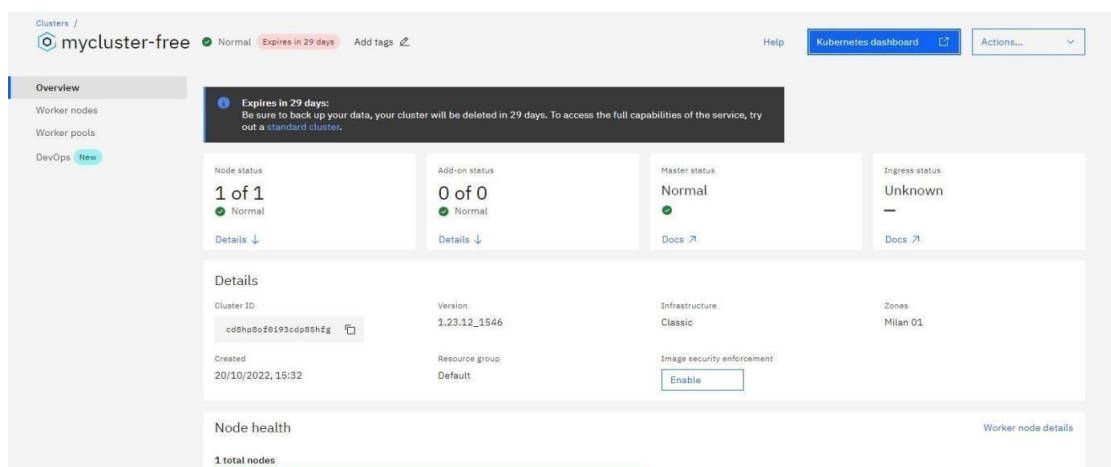
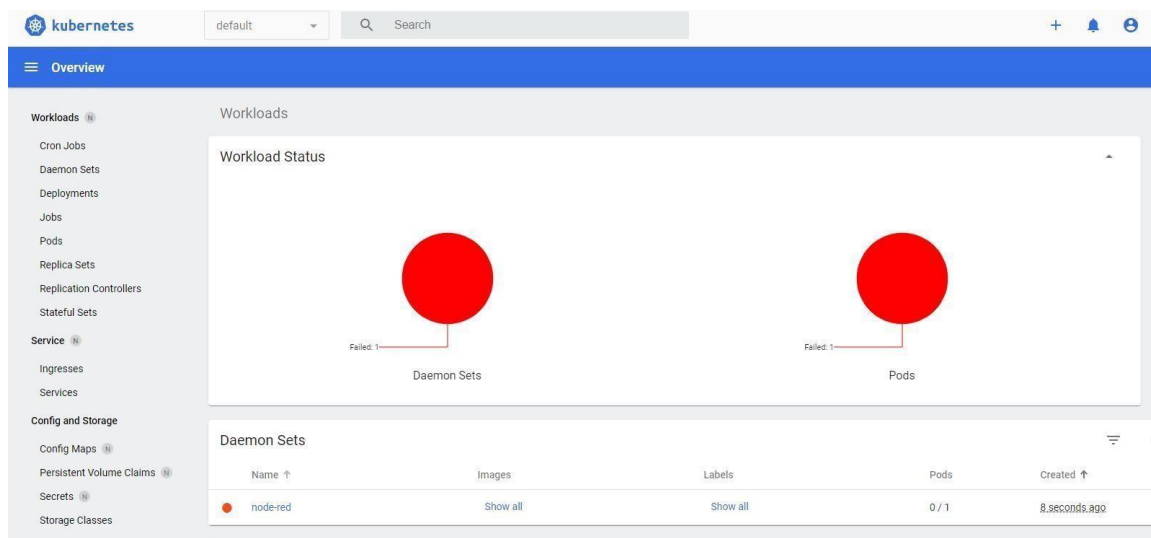
Team id - PNT2022TMID14587

## Create and configure IBM cloud services

### Creation of node-RED

Date	16 November 2022
Team ID	PNT2022TMID51247
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

### NODE RED



Team id - PNT2022TMID14587

The screenshot shows the Kubernetes dashboard interface. The top navigation bar includes the Kubernetes logo, search functionality, and user profile icons. The left sidebar contains navigation links for Workloads, Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, and Stateful Sets. The main content area displays the details of the 'kube-root-ca.crt' secret in the 'default' namespace.

Name	Namespace	Created	Age	UID
kube-root-ca.crt	default	Oct 20, 2022	18 hours ago	d7c8876f-6709-4f64-aad2-3d4b6cb1e8d3

**Metadata**

Annotations:

- kubernetes.io/description

**Data**

```

1 [{"ca.crt": "-----BEGIN CERTIFICATE-----
2 MIIDQCCEAgAwIBAgIUyVcuXUrpDlbbd8C0Sd0+rNSLqNjUQYvZKoZThvcNAQE
3 BQAAO2EJPDQGA1UEAHTYzQ4aHA4ZDVuaTkzY2RwODVozmcta3ViZXJkZXRlcjIj
4 YSRnclJhbnBkaWVudG91bnR1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3
5 HQQA1UEAHTYzQ4aHA4ZDVuaTkzY2RwODVozmcta3ViZXJkZXRlcjIjYSRnclJh
6 b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3
7 h3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3R1b3
8 hoV6Zt2In6SeqrSuHejsOgVvSR6zrH8b78rM1CyZLNK0KL3ae3kc/7Hg813s
9 Rk/eHz4tZD0BRDQd/iKVRzeguCTAmHkadyIEz8gjfmuxjHS5pSYVPV953Zo+Yb
10 YfhDb/yHI8pYIOB9+SNI8+DSduTFvlpxrqooct17mVEQ7Pq0pXuutagU998ho
11 /ZULdgumEA+RnsFRl3Gb/YNaa/+AdxkeH9j3+y/QJil3icSkhviag/jPSEua
12 qktFA1UY3I8Ca6bi3lylCCt5UEAGQRtCOZ0k12WYdWKA08paIHczVQ5NeG01o2
13 QBP2dk3/+QIDAQABOiTuQAOBgNVHR8BAEBgACQYNuYVDVR8TAQH/BALuwaEB
14 /zAdBgllVHQ4FegQJ8JC+YAEPbsKSrPTZWMA1QheodQYvZKoZThvcNAQE.LBQAD
15 gGEAD1elgz3ms3ML0THYRBhgIKCPGVQrHLPMs8qlTAMH/Sxvhjkwool.9lpVB8
16 67EO1VeFZBJL17nmvdas2HG8NO3dt9uK/Hst1Pl5CSJ0ezUHND05+N2CXRFJ
17 qan1LaOhyyVEO7vsFrnaa7JaaytKaCAndr6UBAPR1uvrFCUKhsFDX0kISTB3tcARo
18 LepYLUCwoX3GcSM/gQ5Es1EqDLpkzx9T3urF6TAYAr0ghReIrZsqeFPVpTLHP
19 VZAoutNoHCuveB9n4PrbABH2bj19XSfmfcvp/1BFLCAVDUTUs5saBo7o8g14UYKfg
  
```

The screenshot displays the Node-RED web interface. On the left, the 'common' node palette includes 'inject', 'debug', 'complete', 'catch', 'status', 'link in', 'link call', 'link out', and 'comment'. The 'function' node palette includes 'function', 'switch', 'change', and 'range'. The main workspace shows a flow named 'Flow 1' containing two nodes: 'Hello Node-RED!' and 'msg.payload'. The right sidebar features an 'info' panel with a search bar and a list of flows, including 'Flow 1'. Below the list, the selected flow 'Flow 1' is shown with its ID '39c0e87107b0dact'.